

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	(NP network adj processor) same (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 12:16
L4	6	(switch NP) with (GMII gigabit adj media adj independent adj interface) same (bridge router)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 12:18
L5	8	(switch NP) same (GMII gigabit adj media adj independent adj interface) same (bridge router)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:03
L6	2	(upper adj layer) same (GMII gigabit adj media adj independent adj interface) same (switch NP network adj processor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:05
L7	280	(GMII gigabit adj media adj independent adj interface) same (switch NP network adj processor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:05
L9	18	(GMII gigabit adj media adj independent adj interface) with (NP network adj processor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:12
L11	56	(system adj physical adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:14

## EAST Search History

L15	1	(NP network adj processor ) with (SPI system adj physical adj interface) and EPON	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:16
L16	24	(NP network adj processor ) with (SPI system adj physical adj interface) same layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:18
L17	76	(NP network adj processor ) same (SPI system adj physical adj interface) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:26
L19	16	(NP network processor switch) same bridge same EPON and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:29
L20	9	(NP network adj processor switch) same bridge same EPON and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:38
L23	4	(NP network adj processor switch) same (GMII gigabit adj media adj independent adj interface) and (EPON ethernet adj passive adj optical adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:42
L25	88	(NP network adj processor switch) with (GMII gigabit adj media adj independent adj interface) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:56

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L26	144	(NP network adj processor switch) same (GMII gigabit adj media adj independent adj interface) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:56
L27	56	L26 not L25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:57
L29	4	(FCS frame adj check adj sequence) same (IFG inter adj frame adj gap) same (MIB management adj information adj base)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 14:17
L30	91	(FCS frame adj check adj sequence) same (IFG inter adj frame adj gap)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 14:17
L31	42	(FCS frame adj check adj sequence) with (IFG inter adj frame adj gap)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 14:37
L35	208	(MAC near3 control) same (MIB management adj information adj base)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:07
L36	8	(MAC near3 control) with (MIB management adj information adj base) same downstream	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:09

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L37	9	(MAC near3 control) same (MIB management adj information adj base) same downstream	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:12
L39	11	(IFG inter adj frame adj gap) same downstream	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:13
L40	53	(MAC near3 control) with bandwidth with schedul\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:19
L41	32	(MAC near3 control) with bandwidth with (assign\$4 allocat\$3) with schedul\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:23
L42	2	(MAC near3 control) same bandwidth same (assign\$4 allocat\$3) same schedul\$3 same (MPCP multi adj point adj control adj protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:25
L43	5	(MAC near3 control) same bandwidth same (assign\$4 allocat\$3) same (MPCP multi adj point adj control adj protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:41
L45	26	(NP network adj processor) same (EPON ethernet adj passive adj optical adj network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:45

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L47	12	(NP network adj processor) same (PON passive adj optical adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:55
L51	4	(GMII gigabit adj media adj independent adj interface) same bridge and (PON passive adj optical adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 15:59
L53	15	(GMII gigabit adj media adj independent adj interface) same bridge and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:06
L54	3	(GMII gigabit adj media adj independent adj interface) same (bridge router switch network) same (EPON ethernet adj passive adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:32
L55	5	(GMII gigabit adj media adj independent adj interface) same (ONU optical adj netwrok adj unit) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:36
L58	180	(GMII gigabit adj media adj independent adj interface) and (370/395.53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58) and @ad<="20031127"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:46
L59	12	(GMII gigabit adj media adj independent adj interface) and (OLT optical adj line adj termination) and @ad<="20031127"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:47

## EAST Search History

S1	1	"724554".apn.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 15:03
S3	168	(EPON ethernet adj passive adj optical adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/16 16:38
S4	24	(EPON ethernet adj passive adj optical adj network) and ("370"/\$ "398"/\$) and @ad<="20021127"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/16 16:58
S10	18	Ho near3 kang.in. and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 14:18
S11	24	Tae near3 yoo.in. and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 14:18
S15	9	(bridge router node edge) with (EPON ethernet adj passive adj optical adj network) and (370/395. 53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 12:13
S16	6	(bridge router node edge) with (EPON ethernet adj passive adj optical adj network) and (370/395. 53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58) and @ad<="20031127"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 15:49
S17	7	(bridge router node edge) same (EPON ethernet adj passive adj optical adj network) and (370/395. 53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58) and @ad<="20031127"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 15:50
S18	18	(EPON ethernet adj passive adj optical adj network) and (370/395. 53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58) and @ad<="20031127"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 16:10
S19	11	S18 not S17	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 15:51

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S23	2	(EPON ethernet adj passive adj optical adj network) same (one-to-one one adj to adj one P2P peer adj to adj peer) and (ONU optical adj network adj unit) and (370/395.53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58) and @ad<="20031127"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 17:01
S24	4	(EPON ethernet adj passive adj optical adj network) and ((one-to-one one adj to adj one P2P peer adj to adj peer) same (ONU optical adj network adj unit)) and (370/395.53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58) and @ad<="20031127"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 17:23
S25	5	(ethernet MAC media adj access adj control) same (PON passive adj optical adj network) and ((one-to-one one adj to adj one P2P peer adj to adj peer) same (ONU optical adj network adj unit)) and (370/395.53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58) and @ad<="20031127"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 17:06
S26	5	(ethernet MAC media adj access adj control) and (PON passive adj optical adj network) and ((one-to-one one adj to adj one P2P peer adj to adj peer) same (ONU optical adj network adj unit)) and (370/395.53 370/400 370/466 370/392 370/393 370/401 370/455 370/389 398/168 398/58) and @ad<="20031127"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/31 17:06
S27	11	(LLID logical adj link adj identification) with (VLAN virtual adj local adj area adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 08:40
S28	3	(LLID logical adj link adj identification) same (VLAN virtual adj local adj area adj network) same filter\$3 and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 08:44

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S30	12	(LLID logical adj link adj identification) same (emulation near3 layer) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 09:15
S31	16	(LLID logical adj link adj identification) same (regenerator emulation) same (section layer sub adj layer sublayer) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 09:28
S33	532	(bridge router switch) with (layer sublayer sub adj layer section) same (VLAN virtual adj local adj area adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 09:45
S34	387	(bridge router switch) with (layer sublayer sub adj layer section) with (VLAN virtual adj local adj area adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 09:45
S35	108	(bridge router switch) with (layer sublayer sub adj layer section) with (VLAN virtual adj local adj area adj network) with (ID identifier identification) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 09:46
S36	108	(bridge router switch) with (layer sublayer sub adj layer section) with (VLAN virtual adj local adj area adj network) with (ID identifier identification) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 09:47
S39	2	(ONU optical adj network adj unit) same (bridge router switch) same (layer sublayer sub adj layer section) same (VLAN virtual adj local adj area adj network) same (ID identifier identification) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 09:50
S40	3	(OLT optical adj line adj terminal) same (bridge router switch) same (layer sublayer sub adj layer section) same (VLAN virtual adj local adj area adj network) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/06/04 09:51

## EAST Search History

S42	4	(regenerator emulation) with (section layer sub adj layer sublayer) same (physical adj layer) same (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:16
S43	1107	(GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:52
S45	216	(physical adj layer) same (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:18
S46	120	(physical adj layer) with (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:18
S47	4	(EPON ethernet adj passive adj optical adj network) same (physical adj layer) with (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:19
S48	4	(EPON ethernet adj passive adj optical adj network) same (physical adj layer) same (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:19
S49	10	(EPON ethernet adj passive adj optical adj network) and ((physical adj layer) same (GMII gigabit adj media adj independent adj interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:22

## EAST Search History

S50	6	(EPON ethernet adj passive adj optical adj network) same (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:23
S51	23	(EPON ethernet adj passive adj optical adj network) and (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:26
S52	22	(regenerator emulation) same (section layer sub adj layer sublayer) and (GMII gigabit adj media adj independent adj interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:42
S54	182	S43 and emulat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:43
S55	169	S54 and (pysical PHY)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:44
S56	9	S55 and (PON passive adj optical adj network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:44
S57	546	(GMII gigabit adj media adj independent adj interface) and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:52

## EAST Search History

S58	6	(GMII gigabit adj media adj independent adj interface) same emulat\$3 and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:57
S59	56	(GMII gigabit adj media adj independent adj interface) and emulat\$3 and ("370"/\$ "398"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:57